

Amendments to the Specification

Please replace the previously amended paragraph beginning at page 10, line 4 with the following paragraph:

C1 --With continued reference to FIG. 2, it is observed that within the pattern 42, the optical structures 40 are formed with a larger amplitude A1 at the first edge 36 and decrease in amplitude A2 toward the second edge 38. The larger amplitude A1 produces more optical power along the groove axis, 1, because of the higher surface slopes. The optical power of this pattern then decreases as a function of the distance from the first edge 36. This arrangement of the optical structures 40 and the pattern 42 is purposeful. As noted, non-uniformities in the output of lightguide 16 may be concentrated near the input surface 21 while there may be less non-uniformity farther from the input surface 21. Thus, the optical structures 40 and the pattern 42 are arranged to provide more diffusion near first edge 36. In application, first edge 36 will be disposed substantially adjacent the input surface 21 of the lightguide 16. Pattern 42 may have a uniform pitch, p, as shown, and the depth of the optical structures 40 may decrease to naught toward the second edge 38. This pattern, as will be discussed in more detail below, may be produced using any tool type.--